

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A document printing program encoded on a computer readable medium, comprising the codes of:

obtaining a print requirement associated with a document file; and

compulsory executing of the print requirement when the document file is printed out,

wherein the print requirement sets a print mode including at least one security requirement to be executed to a to-be-printed document.

2. (Currently Amended) The document printing program encoded on a computer readable medium as claimed in claim 1, wherein the print requirement is compulsory enforced by executing a printing process with the print requirement when the document file being encoded is decrypted.

3. (Currently Amended) The document printing program encoded on a computer readable medium as claimed in claim 2, further comprising the codes of:

obtaining a decryption key for the document file being encrypted;

decrypting the document file based on the obtained decryption key;

obtaining the print requirement associated with the document file; and

executing a printing process so as to satisfy the obtained print request.

4. (Currently Amended) The document printing program encoded on a computer readable medium as claimed in claim 3, wherein the print requirement is obtained from the decrypted document file.

5. (Currently Amended) The document printing program encoded on a computer readable medium as claimed in claim 4, wherein a password

corresponding to an encryption key used to encrypt the document file is obtained from a user, and an decryption key is generated by the password.

6. (Currently Amended) The document printing program encoded on a computer readable medium as claimed in claim 5, wherein a parameter, which is internally maintained or generated, is used to generate the decryption key.

7. (Withdrawn and Currently Amended) The document printing program encoded on a computer readable medium as claimed in claim 3, wherein the print requirement associated with the document file is obtained from a server through the network.

8. (Withdrawn and Currently Amended) The document printing program encoded on a computer readable medium as claimed in claim 7, further comprising the codes of:

conducting a user authentication with respect to the server;

obtaining the print requirement of an authenticated user

9. (Withdrawn and Currently Amended) The document printing program encoded on a computer readable medium as claimed in claim 8, wherein a parameter corresponding to an encryption key used to encrypt the document file is obtained from a server through a network, and an decryption key is obtained from the parameter.

10. (Withdrawn and Currently Amended) The document printing program encoded on a computer readable medium as claimed in claim 9, wherein a parameter, which is internally maintained or generated, is used to generate the decryption key.

11. (Withdrawn and Currently Amended) The document printing program encoded on a computer readable medium as claimed in claim 9, wherein a parameter included in the document file is used to generate the decryption key.

12. (Currently Amended) A document protecting program encoded on a computer readable medium, comprising the codes of:

obtaining an encryption key used to encrypt a document file;

associating a print requirement with the document file, and

encrypting the document file by the encryption key,

wherein the print requirement sets a print mode including at least one security requirement to be executed to a to-be-printed document.

13. (Currently Amended) The document protecting program encoded on a computer readable medium as claimed in claim 12, wherein the document file and the print requirement are associated with each other by providing the print requirement to the document file and then encrypting the document file with the print requirement.

14. (Currently Amended) The document protecting program encoded on a computer readable medium as claimed in claim 13, wherein an encryption key is generated based on a password input by a user.

15. (Currently Amended) The document protecting program encoded on a computer readable medium as claimed in claim 14, wherein a parameter internally maintained and generated is used to generate the encryption key.

16. (Withdrawn and Currently Amended) The document protecting program encoded on a computer readable medium as claimed in claim 12, wherein the print requirement associated with the document file is registered to a server through a network.

17. (Withdrawn and Currently Amended) The document protecting program encoded on a computer readable medium as claimed in claim 16, wherein the print requirement is registered as a part of an ACL associated with the document file.

18. (Withdrawn and Currently Amended) The document protecting program encoded on a computer readable medium as claimed in claim 17, wherein an encryption key user to encrypt is registered to the server.

19. (Withdrawn and Currently Amended) The document protecting program encoded on a computer readable medium as claimed in claim 18, wherein a parameter used to generate an encryption key used to encrypt is registered to the server.

20. (Withdrawn and Currently Amended) The document protecting program encoded on a computer readable medium as claimed in claim 18, wherein a parameter used to generate an encryption key used to encrypt is provided to a part of the document.

21. (Currently Amended) A document protecting system comprising:

a distributor terminal implementing a document protecting program encoded on a computer readable medium comprising the codes of:

- a part obtaining an encryption key to encrypt a document file;
- a part associating a print request to the document file; and
- a part encrypting the document file by the encryption key, and

a user terminal implementing a document printing program comprising the codes of:

- a part obtaining a decryption key of document file being encrypted;
- a part decrypting the document file based on the obtained decryption key;
- a part obtaining a print requirement associated with the document file, and
- a part executing a printing process so as to satisfy the print requirement,

wherein the print requirement sets a print mode including at least one security requirement to be executed to a to-be-printed document.

22. (Currently Amended) A document protecting system comprising:

a server implementing a document protecting program encoded on a computer readable medium comprising the codes of:

- obtaining an encryption key used to encrypt a document file;
- associating a print requirement with the document file; and
- encrypting the document file by the encryption key, and

a user terminal comprising the codes of:

- obtaining a decryption key of a document being encrypted;
- obtaining a print requirement associated with the document; and
- executing a printing process so as to satisfy the obtained print requirement,

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wherein the print requirement sets a print mode including at least one security requirement to be executed to a to-be-printed document.

Claims 23-79 (Canceled)